

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 4,7,10 and 17 and ADD new claims 35-39 in accordance with the following:

1. (cancelled)

2. (cancelled)

3. (cancelled)

53 C1 >
61
4. (currently amended) The authentication device according to claim 4Z, wherein a new piece of identification information is added to the anatomical information every time the anatomical information passes through a different device.

5. (cancelled)

6. (cancelled)

53 C1 >
7. (currently amended) An authentication device using anatomical information, comprising:

an anatomical information generating unit generating anatomical information based on a collected image;

an identification information generating unit generating identification information which comprises at least identification information for specifying ~~the anatomical information generating unit~~ or order information for specifying a collection order of anatomical information generated in the anatomical information generating unit; and

a collation information generating unit generating collation information by combining the anatomical information and identification information.

8. (withdrawn) An authentication device using anatomical information, comprising:
an anatomical information generating unit generating anatomical information based on a collected image;
an identification information generating unit generating identification information based on information provided from outside; and
a collation information generating unit generating collation information by combining the anatomical information and identification information.

9. (withdrawn) An authentication device in an authentication system using anatomical information which is connected to a collection device for collecting anatomical information via a network, comprising:
an anatomical information generating unit generating anatomical information based on a collected image;
an identification information generating unit generating identification information composed of information about a route taken between a collection device and an authentication device; and
a collation information generating unit generating collation information by combining the anatomical information and identification information

10. (currently amended) The authentication device according to claim 67, wherein anatomical information and identification information are encrypted.

11. (withdrawn) An authentication device using anatomical information, comprising:
an anatomical information collating unit collating anatomical information with information registered in advance;
an identification information judging unit judging whether identification information received together with anatomical information meets prescribed requirements; and
an identification information verifying unit verifying identification information by an operation value obtained by mapping additional information.

12. (withdrawn) An authentication device using anatomical information, comprising:
an anatomical information collating unit collating anatomical information with information registered in advance; and

an identification information judging unit judging whether identification information received together with anatomical information meets prescribed requirements.

13. (withdrawn) An authentication device using anatomical information, comprising:
an anatomical information obtaining unit obtaining anatomical information;
an identification information obtaining unit obtaining identification information uniquely designating an environment where the anatomical information is obtained; and
an encrypting/transmitting unit encrypting and transmitting anatomical information and identification information.

14. (cancelled)

15. (cancelled)

16. (cancelled)

19
sub C1 >
17. (currently amended) The collation information generating method according to claim 4435, wherein
a new piece of identification information is added to the anatomical information every time the anatomical information passes through a different device.

18. (cancelled)

19. (cancelled)

sub C1 >
20. (withdrawn) A collation information generating method for authentication using anatomical information, comprising:
generating anatomical information based on a collected image;
generating identification information for specifying a generation environment of the anatomical information; and
generating collation information by combining the anatomical information and identification information.

21. (withdrawn) A collation information generating method for authentication using anatomical information, comprising:
generating anatomical information based on a collected image;
generating identification information based on information provided from outside; and
generating collation information by combining the anatomical information and identification information.

22. (withdrawn) An authentication method in an authentication system using anatomical information which is connected to a collection device for collecting anatomical information via a network, comprising:

generating anatomical information based on a collected image;
generating identification information composed of information about a route taken between a collection device and an authentication device; and
generating collation information by combining the anatomical information and identification information.

23. (cancelled)

24. (withdrawn) An authentication method using anatomical information, comprising:
collating anatomical information with information registered in advance;
judging whether identification information received together with anatomical information meets prescribed requirements; and
verifying identification information by an operation value obtained by mapping additional information.

25. (withdrawn) An authentication method using anatomical information, comprising:
collating anatomical information with information registered in advance; and
judging whether identification information received together with anatomical information meets prescribed requirements.

26. (withdrawn) An authentication method using anatomical information, comprising:
obtaining anatomical information;

obtaining identification information uniquely designating an environment where the anatomical information is obtained; and
encrypting and transmitting anatomical information and identification information.

27. (cancelled)

28. (cancelled)

5.3 C1
29. (withdrawn) A computer-readable storage medium on which is recorded a program enabling a computer to generate collation information for authentication using anatomical information, said process comprising:

generating anatomical information based on a collected image;
generating identification information for specifying a generation environment of the anatomical information; and
generating collation information by combining the anatomical information and identification information.

30. (withdrawn) A computer-readable storage medium on which is recorded a program enabling a computer to generate collation information for authentication using anatomical information, said process comprising:

generating anatomical information based on a collected image;
generating identification information based on information provided from outside; and
generating collation information by combining the anatomical information and identification information.

31. (withdrawn) A computer-readable storage medium on which is recorded a program enabling a computer to generate collation information for authentication using anatomical information said process comprising:

generating anatomical information based on a collected image;
generating identification information composed of information about a route taken between a collection device and an authentication device; and
generating collation information by combining the anatomical information and identification information.

32. (withdrawn) A computer-readable storage medium on which is recorded a program enabling a computer to generate collation information for authentication using anatomical information, said process comprising:

collating anatomical information with information registered in advance;
judging whether identification information received together with anatomical information meets prescribed requirements; and
verifying identification information by an operation value obtained by mapping additional information.

33. (withdrawn) A computer-readable storage medium on which is recorded a program enabling a computer to generate collation information for authentication using anatomical information, said process comprising:

collating anatomical information with information registered in advance; and
judging whether identification information received together with anatomical information meets prescribed requirements.

34. (withdrawn) A computer-readable storage medium on which is recorded a program enabling a computer to generate collation information for authentication using anatomical information, said process comprising:

obtaining anatomical information;
obtaining identification information uniquely designating an environment where the anatomical information is obtained; and
encrypting and transmitting anatomical information and identification information.

35. (new) A collation information generating method using anatomical information, comprising:

generating anatomical information based on a collected image;
generating identification information which comprises at least identification information for specifying order information for specifying a collection order of anatomical information generated in the anatomical information generating step; and
generating collation information by combining the anatomical information and identification information.

36. (new) The collation information generating method according to claim 35, wherein anatomical information and identification information are encrypted.

37. (new) A computer-readable storage medium on which a program having a computer realize a collation information generating method using anatomical information, is recorded, the method comprising:

generating anatomical information based on a collected image;

generating identification information which comprises at least identification information for specifying order information for specifying a collection order of anatomical information generated in the anatomical information generating step; and

generating collation information by combining the anatomical information and identification information.

38. (new) The computer-readable storage medium according to claim 37, wherein anatomical information and identification information are encrypted.

39. (new) The computer-readable storage medium according to claim 37, wherein a new piece of identification information is added to the anatomical information every time the anatomical information passes through a different device.